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August 13, 2001

TO: Members of the MAG Population Technical Advisory Committee

FROM: George Pettit, Gilbert, Chairman

SUBJECT: MEETING NOTIFICATION AND TRANSMITTAL OF TENTATIVE AGENDA

Tuesday, August 21, 2001 - **10:00 a.m.**  
MAG Office, Suite 200, **Saguaro Room**  
302 North 1<sup>st</sup> Avenue, Phoenix

A meeting of the MAG Population Technical Advisory Committee (POPTAC) will be held at the time and place noted above. Members of the POPTAC may attend **either in person or by telephone conference call**. Those attending by telephone conference call are requested to call 602-261-7510 between 9:55 and 10:00 a.m. After prompting, please enter the meeting ID number 767822 (POPTAC) on your telephone key pad followed by the pound key. If you have a problem or require assistance, dial 0 after calling the number above.

If you are driving, please park in the garage under the Compass Bank Building. Bring your ticket to the meeting, parking will be validated. For those using transit, the Regional Public Transportation Authority will provide transit tickets for your trip. For those using bicycles, please lock your bicycle in the bike rack in the garage.

Please be advised that under procedures approved by the MAG Regional Council on June 26, 1996, all MAG committees need to have a quorum to conduct business. A quorum is a simple majority of the membership, or 11 people for the MAG POPTAC. If you are unable to attend the meeting, please make arrangements for a proxy from your jurisdiction to represent you. If you have any questions or need additional information, please contact Harry Wolfe at (602) 254-6300.

#### TENTATIVE AGENDA

1. Call to Order

2. Call to the Audience

#### COMMITTEE ACTION REQUESTED

2. For information.

Persons wishing to address the MAG POPTAC will be provided an opportunity to comment.

3. Approval of Minutes of July 19, 2001

4. Census 2000 Status Report

On July 18, 2001 Census 2000 Summary File 1 (SF1) for Arizona was released. MAG has distributed SF1 data to member agencies on request. MAG has prepared maps displaying the census data to assist member agencies in understanding Census data transmitted and to facilitate potential challenges under the Count Question Resolution Program. Selected maps will be distributed at the meeting.

5. Building Permit Completion Status Report

The deadline for submitting building permit completions for the quarter ending June 30, 2001 has passed. MAG staff has made multiple contacts with member agency representatives to advise them of the established deadlines for submitting completions. Completions not already forwarded to MAG will not be able to be credited to the July 1, 2001 Maricopa County Resident Population Update being prepared by DES. Please see Attachment One.

6. Preparation of July 1, 2001 Maricopa County and Municipality Resident Population Updates

According to Executive Order 95-2, the Arizona Department of Economic Security (DES) is responsible for preparing a July 1, 2001 resident population update for the State and each of its individual counties. On July 27, 2001 the State Population Technical Advisory Committee met to discuss the method that would be used for preparing the July 1, 2001 State and Maricopa County estimates. Using the method agreed upon, an estimated July 1, 2001 Maricopa County resident population update and municipality updates have been developed. The Updates will be considered by the MAG POPTAC Ad

3. Review and approve meeting minutes of July 19, 2001.

4. For information and discussion.

5. For information and discussion.

6. For information, discussion and possible recommendation to the MAG Management Committee.

Hoc Subcommittee. If recommended by the Subcommittee, the MAG POPTAC will be requested to recommend approval of the updates to the MAG Management Committee. Please see Attachment Two.

7. MAG GIS and Database Enhancement Project

MAG is undertaking a GIS and Database Enhancement Project to establish the base from which a new set of socioeconomic projections will be developed. To date employer, development and redevelopment, hotel/motel, RV Park, group quarters, and post high school institution databases have been distributed. This month many items will be distributed for review by the MAG POPTAC and subsequently considered for approval at the September meeting. A flow chart displaying the socioeconomic data and modeling review process will also be circulated.

8. Enhancement to MAG POPTAC Meetings and Review Process

At the July 19, 2001 meeting of the MAG POPTAC, Committee members provided input on enhancements that would result in greater participation among POPTAC members. Recommendations included providing small group information sessions, enhancing the MAG Website and establishing an FTP server, finding a larger meeting room, conducting a survey regarding member agency technical GIS status and contacts, etc. MAG staff will provide a status report on these initiatives and solicit input from members of the MAG POPTAC on facilitating the review process. Please see Attachment Three.

9. Date of Next Meeting

At the July meeting of the MAG POPTAC it was suggested that MAG staff attempt to find a meeting time that would enable the Committee to use the Saguaro Room. Based on staff review, it was determined that the

7. For information and discussion.

8. For information and discussion.

9. For information, discussion and possible action.

Saguaro Room is available the third Tuesday every month at 10:00 a.m. The Ad Hoc Subcommittee could meet just prior to that meeting at 8:30 a.m. However, for the September meeting, because of a conflict with the Jewish holiday, the fourth Tuesday of the month, is being proposed for the scheduled meeting. The proposed schedule will be discussed with members of the MAG POPTAC and input received. Please see Attachment Four.

10. Updated MAG POPTAC Committee Contact List

An updated MAG POPTAC Committee contact list is included in Attachment Five.

10. For information.

MINUTES OF THE  
MARICOPA ASSOCIATION OF GOVERNMENTS  
POPULATION TECHNICAL ADVISORY COMMITTEE

July 19, 2001  
MAG Office, Suite 200, Saguaro Room  
302 North 1<sup>st</sup> Avenue  
Phoenix, Arizona

MEMBERS IN ATTENDANCE

Bob Pazera, Chandler, Acting Chairman  
Anthony Farier, Avondale  
James Crean, Buckeye  
\*Usama Abujbarah, Cave Creek  
Joanne Garrett, El Mirage  
Jesse Drake, Fountain Hills  
\*Terry Yergan, Gila River Indian Community  
\*Ralph Vasquez, Gila Bend  
Maria Cadavia for George Pettit, Gilbert  
\*Kate Langford, Glendale  
Mary Hoy, Guadalupe  
\*Duncan Miller, Paradise Valley

Karen Keith, Goodyear  
\*Horatio Skeete, Litchfield Park  
Tom Ellsworth, Mesa  
Matt Holm, Maricopa County  
Tim Bolton, Peoria  
Tim Tilton, Phoenix  
\*Harry Higgins, Scottsdale  
Rosa Herrera, Surprise  
Julia Gee for Mark Elma, Tempe  
\*Jerry Stricklin, Wickenburg  
\*Dick Gregory, Youngtown

\*Those members neither present nor represented by proxy.

OTHERS IN ATTENDANCE

Sam Andrea, Chandler  
Janeen Hollomon, Goodyear  
Gary Smith, Guadalupe  
Anne MacCracken, RPTA

Rita Walton, MAG  
Anubhav Bagley, MAG  
Harry Wolfe, MAG  
Peter Burnett, MAG  
Elaine Trammel, MAG

1. Call to Order

The meeting was called to order at 1:30 p.m. by Acting Chairman Bob Pazera.

2. Call to the Audience

There were no requests to address the MAG POPTAC by members of the audience.

Harry Wolfe introduced two new MAG staff members: Peter Burnett, a GIS Specialist and Elaine Trammel Information Processing Specialist.

3. Approval of Minutes of May 17, 2001

It was moved by Karen Keith, seconded by Jesse Drake and unanimously recommended to approve the MAG POPTAC meeting minutes of May 17, 2001.

4. Building Permit Completion Status Report

Harry Wolfe reported that building permit completions for the quarter ending June 30, 2001 will be due the first week of August 2001, but requested that the completions be forwarded to MAG as soon as possible. He explained that the completions would be forwarded to the Arizona Department of Economic Security (DES) for preparation of a State and County resident population estimate. Mr. Wolfe added that if jurisdictions do not forward their completions, it will reduce the County's population estimate as well as the individual jurisdiction.

Tim Tilton asked whether the building permit completions had been geocoded by MAG staff. Rita Walton responded that MAG was awaiting the completion of its updated Street file to geocode the addresses against it. Harry Wolfe said that he would e-mail to MAG POPTAC members the status of submissions.

Census 2000 Status Report

Harry Wolfe reported that the Census Bureau released Census 2000, Summary File 1 for Arizona yesterday. He noted that the file contains Census short-form information down to the block level of geography and that the data can be extracted from the Census Bureau's American Fact Finder website.

Tim Tilton commented that Table 14 is missing from Summary File 1. Table 14 provides the sex of unmarried partners. Rita Walton responded that the data may have been suppressed at lower levels of geography.

Harry Wolfe mentioned that The Census Bureau initiated the Count Question Resolution Program and the end of June and that the program provides local governments an opportunity to challenge their Census housing unit counts. He stated that corrections can be made for inaccurate boundaries, geocoding errors and coverage errors. He also said that the Census Bureau would not make adjustments for data that was not collected in the Census.

Mr. Wolfe inquired which member agencies were considering participating in the CQR Program. Representatives from Goodyear, Buckeye and Guadalupe said they were considering filing a challenge. Bob Pazera added that after evaluating SF 1 data, Chandler would decide whether a challenge to the Census was merited.

6. Preparation of July 1, 2001 Maricopa County Resident Population Updates

Harry Wolfe indicated that DES would be preparing a July 1, 2001 Maricopa County Resident Population Update that would be used as a control total by MAG in preparing July 1, 2001 Municipality Resident

Population Updates. He explained that DES prepares the estimate using the housing method. This method involves calculating a mid year population by adding to the number of housing units at the time of the Census, new units constructed between April 1, 2000 and June 30, 2001. He said that this was done by type of housing unit and that then an occupancy rate and persons per occupied unit was applied by housing unit type.

Rita Walton commented that DES uses other methods to prepare the State and County population estimates and then averages the methods to derive a State and County control total.

Harry Wolfe indicated that at the July 27, 2001 a meeting of the State Population Technical Advisory Committee that MAG needed to address the issue of the method that would be used to prepare the July 1, 2001 Maricopa County Resident Population Update by DES. He said that in the past that the County estimate had been adjusted using the Phoenix Metropolitan Housing Study, but that MAG's analysis of Census occupancy rates demonstrated that the use of the PMHS resulted in a less accurate estimate. He reviewed 2000 population estimates using various assumptions. He also commented that in the past MAG had applied occupancy rates and persons per household by unit type, but that since unit type information was not available at this time, MAG would need to use total units for the 2001 estimate.

Bob Pazera asked whether a motion was in order on the method to be used for preparing the Maricopa County estimates. Harry Wolfe responded that a motion from the POPTAC would be helpful. He indicated that there would be three parts to the motion. That:

1. The Maricopa County occupancy rate should not be adjusted using the Phoenix Metropolitan Housing Study.
2. The Maricopa County population estimate derived using the Housing Unit method should not be adjusted to a County control total.
3. Housing units by unit type should not be used to prepare the estimates until more research had been conducted on the benefits of disaggregating housing units by unit type.

It was moved by Tim Tilton, seconded by Tom Ellsworth and unanimously recommended to adopt the motion noted above.

## 7. MAG GIS and Database Enhancement Project

Harry Wolfe explained that MAG is undertaking a GIS and Database Enhancement Project to establish the base from which a new set of socioeconomic projections will be developed. He distributed a handout that identified the databases that had already been sent out for review and those that would be distributed in the coming month. He indicated that in July through August General Plan and Existing Land use files would be distributed in electronic and hard copy format as well as a GIS database of Development/Redevelopment Data.

Mr. Wolfe explained that the General Plan database contains the vision of the community on future development and that MAG wanted its projections to properly reflect that vision.

Jesse Drake asked what impact an inaccurate land use file would have on the projections. Harry Wolfe provided an example. He said that if MAG prepared a projection assuming one unit per acre in an area within a jurisdiction, and that the jurisdiction changes its general plan to allow 10 units per acre, then our projection would underestimate the population. However, Mr. Wolfe noted that MAG was urging that projections be done on a more frequent basis. Therefore, if some of the Plan assumptions changed, those changes could be reflected in the next round of projections.

Bob Pazera asked if MAG could provide tables along with the land use plans that identified acres of land use by land use type. Rita Walton responded that MAG would be happy to supply such tables or any other information that would facilitate the review of the land use coverages.

#### 8. Input on Future MAG POPTAC Meetings

Harry Wolfe said that during the next year it would be crucial for member agencies to actively participate in the process for supplying and reviewing updated data for the preparation of MAG projections and reviewing the output of the socioeconomic models used to produce the projections. He asked for input from members of the MAG POPTAC on how to ensure more active participation from member agencies.

It was suggested that a survey be conducted regarding member agency technical and GIS status and contacts.

Harry Wolfe mentioned that one idea that had been suggested was for increasing participation in POPTAC meetings was to hold workshops for small groups of MAG POPTAC members to explain the modeling process, discuss its implications for local jurisdictions and to obtain feedback on issues related to the modeling. Other suggestions included holding an orientation meeting for members of the MAG POPTAC once a year and holding individual meetings with each member agency.

Bob Pazera suggested inviting staff members from each jurisdiction who were involved in the projections process to the workshops. He also recommended including information on the MAG Web Page.

Rita Walton noted that MAG was updating its Website to include more maps and that the page devoted to POPTAC matters could include additional information.

Tom Ellsworth asked if Mesa could use the MAG FTP site. Rita Walton said that MAG did not presently have such a site but would investigate establishing one.

Tim Tilton recommended that the MAG POPTAC meet in a larger room. Rita Walton responded that MAG staff would investigate alternative meeting dates and times in order to be able to use the Saguaro Room.

Harry Wolfe suggested using the MAG videoconferencing system to increase collaboration with member agencies.

Jesse Drake recommended considering holding future POPTAC meetings in more remote locations and using the videoconferencing system in conjunction with those meetings.



Rita Walton recommended more information sharing in future POPTAC meetings.

9. Date of Next Meeting

Harry Wolfe said that the next meeting of the MAG POPTAC was scheduled for August 16, 2001 but that he would be out of town. He suggested that an alternative meeting date and time be determined.

Rita Walton suggested that MAG staff investigate other potential meeting dates and times and communicate with MAG POPTAC members via e-mail to solicit input on alternatives.

The meeting adjourned at 3:00 p.m.

## **Attachment One**

# RESIDENTIAL BUILDING COMPLETION SUMMARY

## ALL RESIDENTIAL UNIT TYPES

Net Residential Unit Completions (Completions minus Demolitions):

Updated 8/15/01

Jurisdiction	2000						2001					TOTAL 2000 Census (Qtr.2,2000) to Current
	Quarter 1	Quarter 2	Quarter 3	Quarter 4	Total		Quarter 1	Quarter 2	Quarter 3	Quarter 4	Total	
Avondale	606	163	168	323	1,260		356	448	0	0	804	1,458
Buckeye	56	43	31	28	158		14	25	0	0	39	141
Carefree	14	24	19	19	76		20	21	0	0	41	103
Cave Creek	25	17	20	18	80		15	11	0	0	26	81
Chandler	672	785	1,062	681	3,200		566	758	0	0	1,324	3,852
County Areas	633	1,025	673	509	2,840		617	1,075	0	0	1,692	3,899
El Mirage	216	322	438	370	1,346		206	453	0	0	659	1,789
Fountain Hills	111	131	73	108	423		93	70	0	0	163	475
Gila Bend	0	4	1	1	6		0	1	0	0	1	7
Gila River	0	0	0	0	0		0	0	0	0	0	0
Gilbert	703	643	753	907	3,006		934	1,036	0	0	1,970	4,273
Glendale	443	300	394	417	1,554		744	417	0	0	1,161	2,272
Goodyear	263	285	360	304	1,212		217	435	0	0	652	1,601
Guadalupe	0	0	0	0	0		0	0	0	0	0	0
Litchfield Park	3	4	1	3	11		3	5	0	0	8	16
Mesa	2,281	2,151	1,437	1,287	7,156		1,627	992	0	0	2,619	7,494
Paradise Valley	26	24	19	25	94		20	13	0	0	33	101
Peoria	726	659	712	617	2,714		950	582	0	0	1,532	3,520
Phoenix	2,774	1,926	1,746	1,886	8,332		2,194	1,412	0	0	3,606	9,164
Queen Creek	17	30	38	37	122		43	35	0	0	78	183
Salt R Pima-Mar	0	0	0	0	0		0	0	0	0	0	0
Scottsdale	716	777	821	944	3,258		684	561	0	0	1,245	3,787
Surprise	725	853	895	813	3,286		664	772	0	0	1,436	3,997
Tempe	175	87	102	16	380		97	36	0	0	133	338
Tolleson	5	6	8	4	23		0	2	0	0	2	20
Wickenburg	11	7	7	5	30		10	11	0	0	21	40
Youngtown	0	0	0	0	0		0	90	0	0	90	90

**Maricopa County:**

**Quarterly Total:** 11,201 10,266 9,778 9,322

**Yearly Total:** 40,567

10,074 9,261 0 0

19,335

48,701

# RESIDENTIAL BUILDING COMPLETION SUMMARY

## SINGLE FAMILY UNITS

Net Single Family Unit Completions (Completions minus Demolitions):

Updated 8/15/01

Jurisdiction	2000						2001						TOTAL 2000 Census (Qtr.2,2000) to Current
	Quarter 1	Quarter 2	Quarter 3	Quarter 4	Total		Quarter 1	Quarter 2	Quarter 3	Quarter 4	Total		
Avondale	241	162	166	311	880		347	440	0	0	787		1,426
Buckeye	16	24	19	25	84		13	18	0	0	31		99
Carefree	14	16	19	13	62		16	17	0	0	33		81
Cave Creek	25	17	20	18	80		14	11	0	0	25		80
Chandler	636	535	565	625	2,361		534	678	0	0	1,212		2,937
County Areas	603	813	467	402	2,285		528	885	0	0	1,413		3,095
El Mirage	216	322	438	370	1,346		206	453	0	0	659		1,789
Fountain Hills	85	95	73	108	361		59	50	0	0	109		385
Gila Bend	0	0	0	0	0		0	0	0	0	0		0
Gila River	0	0	0	0	0		0	0	0	0	0		0
Gilbert	703	643	674	839	2,859		840	980	0	0	1,820		3,976
Glendale	352	290	317	235	1,194		227	175	0	0	402		1,244
Goodyear	263	285	360	304	1,212		217	435	0	0	652		1,601
Guadalupe	0	0	0	0	0		0	0	0	0	0		0
Litchfield Park	3	4	1	3	11		3	5	0	0	8		16
Mesa	1,280	1,266	1,273	1,143	4,962		874	923	0	0	1,797		5,479
Paradise Valley	26	24	19	25	94		20	13	0	0	33		101
Peoria	709	642	673	598	2,622		522	572	0	0	1,094		3,007
Phoenix	987	1,151	1,034	1,150	4,322		1,149	675	0	0	1,824		5,159
Queen Creek	17	30	38	37	122		43	35	0	0	78		183
Salt R Pima-Mar	0	0	0	0	0		0	0	0	0	0		0
Scottsdale	496	496	483	406	1,881		456	436	0	0	892		2,277
Surprise	713	851	893	809	3,266		658	768	0	0	1,426		3,979
Tempe	43	35	30	16	124		5	0	0	0	5		86
Tolleson	5	6	8	4	23		0	2	0	0	2		20
Wickenburg	11	7	7	5	30		10	11	0	0	21		40
Youngtown	0	0	0	0	0		0	0	0	0	0		0

**Maricopa County:**

**Quarterly Total:**      7,444      7,714      7,577      7,446

**Yearly Total:**

30,181

6,741      7,582      0      0

14,323

37,060

## RESIDENTIAL BUILDING COMPLETION SUMMARY

### TOWNHOUSE/CONDO UNITS

**Net Townhouse/Condo Unit Completions (Completions minus Demolitions):**

**Updated 8/15/01**

Jurisdiction	2000						2001						TOTAL 2000 Census (Qtr.2,2000) to Current
	Quarter 1	Quarter 2	Quarter 3	Quarter 4	Total		Quarter 1	Quarter 2	Quarter 3	Quarter 4	Total		
Avondale	0	0	0	0	0		0	0	0	0	0		0
Buckeye	0	0	0	0	0		0	0	0	0	0		0
Carefree	0	8	0	6	14		4	4	0	0	8		22
Cave Creek	0	0	0	0	0		0	0	0	0	0		0
Chandler	5	10	6	0	21		0	0	0	0	0		16
County Areas	2	20	1	0	23		0	0	0	0	0		21
El Mirage	0	0	0	0	0		0	0	0	0	0		0
Fountain Hills	4	0	0	0	4		34	11	0	0	45		45
Gila Bend	0	0	0	0	0		0	0	0	0	0		0
Gila River	0	0	0	0	0		0	0	0	0	0		0
Gilbert	0	0	0	0	0		0	0	0	0	0		0
Glendale	0	2	1	1	4		1	0	0	0	1		5
Goodyear	0	0	0	0	0		0	0	0	0	0		0
Guadalupe	0	0	0	0	0		0	0	0	0	0		0
Litchfield Park	0	0	0	0	0		0	0	0	0	0		0
Mesa	18	0	29	30	77		31	33	0	0	64		123
Paradise Valley	0	0	0	0	0		0	0	0	0	0		0
Peoria	0	0	0	0	0		0	0	0	0	0		0
Phoenix	0	22	0	18	40		8	0	0	0	8		48
Queen Creek	0	0	0	0	0		0	0	0	0	0		0
Salt R Pima-Mar	0	0	0	0	0		0	0	0	0	0		0
Scottsdale	7	3	188	186	384		21	28	0	0	49		426
Surprise	0	0	0	0	0		0	-1	0	0	-1		-1
Tempe	0	4	0	0	4		0	0	0	0	0		4
Tolleson	0	0	0	0	0		0	0	0	0	0		0
Wickenburg	0	0	0	0	0		0	0	0	0	0		0
Youngtown	0	0	0	0	0		0	0	0	0	0		0

**Maricopa County:**

<b>Quarterly Total:</b>	36	69	225	241
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**Yearly Total:** 571

99      75      0      0      174

709

## RESIDENTIAL BUILDING COMPLETION SUMMARY

### APARTMENT UNITS

**Net Apartment Unit Completions (Completions minus Demolitions):**

Updated 8/15/20

Jurisdiction	2000						2001						TOTAL 2000 Census (Qtr.2,2000) to Current
	Quarter 1	Quarter 2	Quarter 3	Quarter 4	Total		Quarter 1	Quarter 2	Quarter 3	Quarter 4	Total		
Avondale	360	0	0	0	360		0	0	0	0	0		0
Buckeye	0	0	0	0	0		0	0	0	0	0		0
Carefree	0	0	0	0	0		0	0	0	0	0		0
Cave Creek	0	0	0	0	0		0	0	0	0	0		0
Chandler	31	240	491	56	818		32	80	0	0	112		899
County Areas	0	5	0	0	5		0	0	0	0	0		5
El Mirage	0	0	0	0	0		0	0	0	0	0		0
Fountain Hills	22	36	0	0	58		0	9	0	0	9		45
Gila Bend	0	0	0	0	0		0	0	0	0	0		0
Gila River	0	0	0	0	0		0	0	0	0	0		0
Gilbert	0	0	79	68	147		94	56	0	0	150		297
Glendale	91	8	76	181	356		516	242	0	0	758		1,023
Goodyear	0	0	0	0	0		0	0	0	0	0		0
Guadalupe	0	0	0	0	0		0	0	0	0	0		0
Litchfield Park	0	0	0	0	0		0	0	0	0	0		0
Mesa	916	786	46	114	1,862		722	36	0	0	758		1,704
Paradise Valley	0	0	0	0	0		0	0	0	0	0		0
Peoria	8	6	18	8	40		411	6	0	0	417		449
Phoenix	1,787	745	712	718	3,962		1,037	737	0	0	1,774		3,949
Queen Creek	0	0	0	0	0		0	0	0	0	0		0
Salt R Pima-Mar	0	0	0	0	0		0	0	0	0	0		0
Scottsdale	213	278	150	352	993		207	97	0	0	304		1,084
Surprise	0	0	0	0	0		0	0	0	0	0		0
Tempe	132	48	72	0	252		92	36	0	0	128		248
Tolleson	0	0	0	0	0		0	0	0	0	0		0
Wickenburg	0	0	0	0	0		0	0	0	0	0		0
Youngtown	0	0	0	0	0		0	90	0	0	90		90

**Maricopa County:**

<b>Quarterly Total:</b>	3,560	2,152	1,644	1,497
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Yearly Total:	8,853
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3,111	1,389	0	0	4,500	9,793
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Prepared by the Maricopa Association of Governments

## RESIDENTIAL BUILDING COMPLETION SUMMARY

### MOBILE HOME UNITS

**Net Mobile Home Unit Completions (Completions minus Demolitions):**

Updated 8/15/01

Jurisdiction	2000						2001						TOTAL 2000 Census (Qtr.2,2000) to Current
	Quarter 1	Quarter 2	Quarter 3	Quarter 4	Total		Quarter 1	Quarter 2	Quarter 3	Quarter 4	Total		
Avondale	5	1	2	12	20		9	8	0	0	17		32
Buckeye	40	19	12	3	74		1	7	0	0	8		42
Carefree	0	0	0	0	0		0	0	0	0	0		0
Cave Creek	0	0	0	0	0		1	0	0	0	1		1
Chandler	0	0	0	0	0		0	0	0	0	0		0
County Areas	28	187	205	107	527		89	190	0	0	279		778
El Mirage	0	0	0	0	0		0	0	0	0	0		0
Fountain Hills	0	0	0	0	0		0	0	0	0	0		0
Gila Bend	0	4	1	1	6		0	1	0	0	1		7
Gila River	0	0	0	0	0		0	0	0	0	0		0
Gilbert	0	0	0	0	0		0	0	0	0	0		0
Glendale	0	0	0	0	0		0	0	0	0	0		0
Goodyear	0	0	0	0	0		0	0	0	0	0		0
Guadalupe	0	0	0	0	0		0	0	0	0	0		0
Litchfield Park	0	0	0	0	0		0	0	0	0	0		0
Mesa	67	99	89	0	255		0	0	0	0	0		188
Paradise Valley	0	0	0	0	0		0	0	0	0	0		0
Peoria	9	11	21	11	52		17	4	0	0	21		64
Phoenix	0	8	0	0	8		0	0	0	0	0		8
Queen Creek	0	0	0	0	0		0	0	0	0	0		0
Salt R Pima-Mar	0	0	0	0	0		0	0	0	0	0		0
Scottsdale	0	0	0	0	0		0	0	0	0	0		0
Surprise	12	2	2	4	20		6	5	0	0	11		19
Tempe	0	0	0	0	0		0	0	0	0	0		0
Tolleson	0	0	0	0	0		0	0	0	0	0		0
Wickenburg	0	0	0	0	0		0	0	0	0	0		0
Youngtown	0	0	0	0	0		0	0	0	0	0		0

**Maricopa County:**

Quarterly Total:	161	331	332	138
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Yearly Total:	962
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123	215	0	0	338	1,139
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Prepared by the Maricopa Association of Governments

## **Attachment Two**



## ATTACHMENT TWO

August 13, 2001

TO: Members of the MAG Population Technical Advisory Committee

FROM: Harry Wolfe, Senior Project Manager

SUBJECT: TRANSMITTAL OF DRAFT JULY 1, 2001 MAG MUNICIPALITY RESIDENT POPULATION UPDATES

MAG staff has prepared draft July 1, 2001 draft Municipality Resident Population Updates. The Updates were prepared using data supplied and verified by MAG member agencies and a method that was reviewed with members of the MAG POPTAC Ad Hoc Subcommittee. The MAG Population Technical Advisory Committee Ad Hoc Subcommittee is requested to recommend approval of the July 1, 2001 Municipality Resident Population Updates to the MAG POPTAC.

### BACKGROUND

In accordance with Executive Order 95-2, each year MAG prepares municipality resident population updates for cities and towns in Maricopa County and the unincorporated portions of the County. It is required that these updates be consistent with the Arizona Department of Economic Security (DES) Maricopa County Updates, and comply with standards established by DES. The Director of DES is required to forward the Updates to the Economic Estimates Commission by December 15th of each year. The Updates are used to allocate \$23 million in lottery funds to local jurisdictions, establish expenditure limitations where appropriate, set budgets for local governments and determine compliance with municipal per capita water use targets established by the Arizona Department of Water Resources.

The draft updates were developed using data verified by MAG member agencies and a method approved by the MAG POPTAC Ad Hoc Subcommittee. The method is described on the following page. On August 21, 2001 the Subcommittee will consider recommending the updates to the MAG POPTAC. If approved they will be considered by the Management Committee on September 12, 2001 and the Regional Council on September 26, 2001.

The MAG POPTAC is requested to recommend approval of the July 1, 2001 Municipality Resident Population Updates. If you have any questions or need additional information, please contact me or Don Worley at 254-6300.

## **July 1, 2001 MUNICIPALITY RESIDENT POPULATION UPDATE METHODOLOGY**

1. Using the 2000 Decennial Census as the base, determine the April 1, 2000 total units, occupied units, occupancy rates and population per occupied unit for each jurisdiction.
2. Add in residential units completed by unit type for the time period from April 1, 2000 to June 30, 2001.
3. Subtract demolitions for the time period from April 1, 2000 to June 30, 2001.
4. Add in annexations from April 1, 2000 to June 30, 2001.
5. Calculate new housing stock numbers from the base Census housing units + permit completions- demolitions +- annexations.
6. Multiply new housing stock by occupancy rates and by population per occupied unit based on the 2000 Census to derive a resident population in households.
7. Add to the resident population in households, the July 1, 2001 resident population in Group Quarters based upon a survey conducted by DES. This yields a total resident population.
8. Round the total resident population to the nearest 5 in accordance with DES standards.
9. Take the sum of the total resident population in households to derive a Maricopa County resident population in households; and take the sum of the resident population in group quarters to derive a Maricopa County resident population in Group Quarters.
10. Take the sum of the total resident population in the County and round to the nearest 25 people in accordance with DES standards.

DRAFT

DRAFT

## JULY 1, 2001 MUNICIPALITY POPULATION AND HOUSING UNIT UPDATE

## MARICOPA ASSOCIATION OF GOVERNMENTS

Jurisdiction	Year 2000 Census (April 1, 2000)							Net Units 4/01/2000 - 6/30/2001	Population from new Units	Annexations		July 1, 2001 Update			
	Population			Housing Units		Pop. Per Occupied Unit	Occupancy Rate			Population	Housing Units	Population			Total Housing Units
	Total	Household	Group Quarter	Total	Occupied							Household	Group Quarter	Total (Round to 5)	
Avondale	35,883	35,737	146	11,419	10,640	3.35874	0.93178	1,458	4,563	0	0	40,300	146	40,445	12,877
Buckeye	6,537	6,528	9	2,344	2,158	3.02502	0.92065	141	393	3	1	6,923	3,448	10,370	2,486
Carefree	2,927	2,927	0	1,769	1,389	2.10727	0.78519	103	170	0	0	3,097	0	3,095	1,872
Cave Creek	3,728	3,728	0	1,753	1,571	2.37301	0.89618	81	172	0	0	3,900	0	3,900	1,834
Chandler	176,581	175,799	782	66,592	62,377	2.81833	0.93670	3,852	10,169	32	12	186,000	856	186,855	70,456
El Mirage	7,609	7,608	1	3,162	2,121	3.58699	0.67078	1,789	4,304	0	0	11,912	1	11,915	4,951
Fountain Hills	20,235	20,228	7	10,491	8,653	2.33769	0.82480	475	916	0	0	21,144	44	21,190	10,966
Gila Bend	1,980	1,980	0	766	659	3.00455	0.86031	7	18	0	0	1,998	0	2,000	773
Gila River	2,699	2,654	45	685	629	4.21940	0.91825	0	0	0	0	2,654	45	2,700	685
Gilbert	109,697	109,631	66	37,007	35,405	3.09648	0.95671	4,273	12,659	6	2	122,295	66	122,360	41,282
Glendale	218,812	215,955	2,857	79,667	75,700	2.85277	0.95021	2,272	6,159	0	0	222,114	2,857	224,970	81,939
Goodyear	18,911	16,541	2,370	6,771	6,179	2.67697	0.91257	1,601	3,911	0	0	20,452	2,370	22,820	8,372
Guadalupe	5,228	5,220	8	1,184	1,110	4.70270	0.93750	0	0	0	0	5,220	8	5,230	1,184
Litchfield Park	3,810	3,780	30	1,633	1,508	2.50663	0.92345	16	37	0	0	3,817	30	3,845	1,649
Mesa	396,375	392,426	3,949	175,701	146,643	2.67606	0.83462	7,494	16,738	963	431	410,126	3,949	414,075	183,626
Paradise Valley	13,664	13,652	12	5,499	5,034	2.71196	0.91544	101	251	0	0	13,903	12	13,915	5,600
Peoria *	108,363	106,849	1,514	42,570	39,183	2.72692	0.92044	3,520	8,835	0	0	115,684	1,514	117,200	46,090
Phoenix	1,321,045	1,298,577	22,468	495,832	465,834	2.78764	0.93950	9,164	24,000	0	0	1,322,577	22,468	1,345,045	504,996
Queen Creek *	4,197	4,197	0	1,229	1,172	3.58106	0.95362	183	625	0	0	4,822	0	4,820	1,412
Salt River	6,405	6,355	50	2,526	1,959	3.24400	0.77553	33	83	0	0	6,438	50	6,490	2,559
Scottsdale	202,705	201,028	1,677	104,974	90,669	2.21716	0.86373	3,787	7,252	4	2	208,284	1,677	209,960	108,763
Surprise	30,848	30,724	124	16,260	12,484	2.46107	0.76777	3,997	7,553	0	0	38,277	124	38,400	20,257
Tempe	158,625	153,383	5,242	67,068	63,602	2.41161	0.94832	338	773	0	0	154,156	5,280	159,435	67,406
Tolleson	4,974	4,974	0	1,485	1,432	3.47346	0.96431	20	67	0	0	5,041	0	5,040	1,505
Wickenburg	5,082	5,039	43	2,691	2,341	2.15250	0.86994	40	75	6	3	5,120	43	5,165	2,734
Youngtown	3,010	2,857	153	1,783	1,641	1.74101	0.92036	90	144	0	0	3,001	153	3,155	1,873
Unin-New River	10,740	10,695	45	4,514	3,921	2.72762	0.86863	40	95	0	0	10,790	45	10,835	4,554
Unin-Rio Verde	1,419	1,419	0	1,168	761	1.86465	0.65154	37	45	0	0	1,464	0	1,465	1,205
Unin-Sun City	38,309	37,641	668	27,731	23,490	1.60243	0.84707	172	233	0	0	37,874	668	38,540	27,903
Unin-Sun City West	26,344	26,083	261	17,359	14,997	1.73921	0.86393	42	63	0	0	26,146	261	26,405	17,401
Unin-Sun Lakes	11,936	11,936	0	7,746	6,683	1.78602	0.86277	326	502	0	0	12,438	0	12,440	8,072
Unin-Other	113,471	111,215	2,256	48,852	40,941	2.71647	0.83806	3,282	7,472	-1,012	-451	117,674	296	117,970	51,683
Total	3,072,149	3,027,366	44,783	1,250,231	1,132,886	2.67226	0.90614	48,734	118,277	0	0	3,145,643	46,411	3,192,050	1,298,965

Note: Totals may not add due to rounding.

\* Maricopa County portion only. Total Year 2000 Census population: Peoria = 108,364 Queen Creek = 4,316.

Sources: U.S. Bureau of the Census Year 2000 Census, Maricopa Association of Governments Residential Completion database.

Prepared by the Maricopa Association of Governments, August 2001.

July 1, 2001	
Occupied Housing Units	1,175,923
Pop. per Occupied Housing Unit	2.67504
Occupancy Rate	0.90528

## **Attachment Three**

## ATTACHMENT THREE

August 13, 2001

TO: Members of the MAG POPTAC

FROM: Harry P. Wolfe, Senior Project Manager

SUBJECT: INITIATIVES TO ENHANCE MAG POPTAC MEMBER PARTICIPATION

At the July 19, 2001 meeting of the MAG POPTAC, Committee members provided input on enhancements that would result in greater participation among POPTAC members. Listed below are each of the initiatives and their status.

1. Hold workshops to inform member agency staff about the MAG socioeconomic estimates and projections process

**MAG staff is making preparations to hold five subregional workshops to provide an overview of the socioeconomic estimates and projections process (see Table Below). The workshop is directed not only at POPTAC representatives, but also other member agency staff who will be involved in the collection, review or use of MAG estimates and/or projections data. We are seeking volunteers from each of the regions to host the workshop. (Possibly August/September 2001) We also understand that Economic Directors and agency planning staff will be visited by other MAG staff and want to ensure POPTAC still would like to pursue these workshops at this time.**

### Subregional Workshops on MAG Socioeconomic Estimates and Projections Process

1	Northeast	Scottsdale, Carefree, Cave Creek, Salt River, Fountain Hills
2	Southeast	Mesa, Chandler, Gilbert, Queen Creek, Gila River
3	Central	Phoenix, Paradise Valley, Tempe, Guadalupe, Maricopa County
4	Southwest	Tolleson, Avondale, Goodyear, Litchfield Park, Buckeye, Gila Bend
5	Northwest	Glendale, Peoria, El Mirage, Youngtown, Surprise, Wickenburg

2. Conduct an orientation session for members of the MAG POPTAC at least once a year. -

**Because of staff turnover among POPTAC members and the need to reinforce an understanding of the estimates and projections process, an orientation meeting would be conducted to familiarize POPTAC members with the methods used to prepare estimates**

**and projections. MAG is planning on scheduling the orientation session in place of or in conjunction with the October meeting of the MAG POPTAC. (October 16, 2001)**

3. Hold individual meetings with each MAG member agency to obtain input for the June 2002 Socioeconomic Projections.

**In preparation for running the MAG projections model for the June 2002 socioeconomic projections, MAG staff will visit with POPTAC members and other appropriate personnel at each member agency. At the meetings we will review with staff data for each jurisdiction collected through the GIS and Database Update Project, review the assumptions, and possible implications for the projection series. MAG staff will also solicit input on any changes to the base data and assumptions that may be required. (October-November 2001).**

4. Conduct a survey regarding member agency technical GIS status and contacts.

**MAG will solicit input from POPTAC on potential questions for a survey at the August meeting, circulate a survey regarding member status and contacts and report back to POPTAC later in the year. (September 2001).**

5. Update the MAG Website to include more maps and to add more information to the page devoted to MAG POPTAC matters.

**MAG staff will work with our Webmaster to add more information to the page devoted to the MAG POPTAC. A consulting project underway to enhance our Website will also provide more interactive mapping. (November - December 2001)**

6. Share data using a MAG FTP site.

**MAG will be able to provide for downloads from its Web site in September 2001, but uploads will not be available until a later date. (September - December).**

7. Hold POPTAC meetings in more remote locations and use videoconferencing in conjunction with those meetings.

**MAG staff will be making a presentation on the Regional Videoconferencing System at the September meeting of the MAG POPTAC. The use of videoconferencing for POPTAC meetings will be discussed. (Proposed for September 25, 2001)**

8. Hold future MAG POPTAC meetings in a larger room

**MAG staff has investigated alternatives times and dates for POPTAC meetings when the Saguaro Room would be available. This will be discussed in the next agenda item.**

**(To be discussed on August 21, 2001).**

If you have any questions or need additional information, please contact me at (602) 254-6300.

## **Attachment Four**



## ATTACHMENT FOUR

August 13, 2001

TO: Members of the MAG POPTAC

FROM: Harry P. Wolfe, Senior Project Manager

SUBJECT: PROPOSED REVISION TO MAG POPTAC MEETING SCHEDULE

At the July meeting of the MAG POPTAC it was recommended that MAG staff examine an alternative meeting time when the Saguaro Room would be available for use. MAG staff review of meeting room schedules indicates that the Saguaro Room it is available on the third Tuesday of each month at 10:00 a.m. in the morning. Therefore we propose revising the MAG POPTAC meeting time to the third Tuesday of the month as noted below. An exception is the September meeting which is being proposed for the fourth, rather than the third Tuesday in order to avoid a conflict with a Jewish Holiday. If the proposal is accepted, the Ad Hoc Subcommittee would meet at 8:30 a.m. prior to each MAG POPTAC meeting unless members are notified otherwise.

The proposed schedule for the duration of the year is noted below.

August 21, 2001  
September 25, 2001  
October 16, 2001  
November 20, 2001  
December 18, 2001

If you have any questions or need additional information, please contact me at (602) 254-6300.

## **Attachment Five**

Name	City/Town	Phone	Fax	E-mail
Committee Members				
Nathan Crane	Avondale	623-932-6088	623-932-6119	nathan_crane@avondale.org
Joe Blanton	Buckeye	623-386-4691	623-386-7832	jblanton@buckeyeaz.org
Bob Pazera*	Chandler	480-782-3060	480-782-3055	bob.pazera@ci.chandler.az.us
Joanne Garrett	El Mirage	623-972-8116	623-933-8418	jgarrett@elmirageaz.org
Jesse Drake	Fountain Hills	480-816-5191	480-837-1404	jdrake@ci.fountain-hills.az.us
Terry Yergan	Gila River	(520) 562-6195	(520) 562-6199	gtyergan1@uswest.net
George Pettit	Gilbert	480-503-6864	480-497-4943	georgep@ci.gilbert.az.us
Kate Langford*	Glendale	623-930-2587	623-915-2695	klangford@ci.glendale.az.us
Janeen Hollomon	Goodyear	623-882-7958	623-932-7748	jhollomon@ci.goodyear.az.us
Horatio Skeete	Litchfield Park	623-935-5033	623-935-5427	horatio@litchfield-park.org
Tom Ellsworth*	Mesa	480-644-2180	480-644-2757	tom_ellsworth@ci.mesa.az.us
Tim Bolton	Peoria	623-773-7371	623-773-7256	timbb@peoriaaz.com
Tim Tilton	Phoenix	602-495-7026	602-495-3793	TTilton@ci.phoenix.az.us
Harry Higgins*	Scottsdale	480-312-7831	480-312-2455	hhiggins@ci.scottsdale.az.us
Miryam Gutier	Surprise	623-583-1000	623-583-6108	miryam@surpriseaz.com
Mark Elma*	Tempe	480-350-8162	480-350-8579	Mark_Elma@tempe.gov
Jerry Stricklin	Wickenburg	520-684-5451	602-506-1580	gstricklin46@yahoo.com
Richard Gregory	Youngtown	623-933-8286	623-933-5951	youngtown@youngtownaz.org
Matt Holm*	Maricopa County	602-506-7162	602-506-8369	matthewholm@mail.maricopa.gov
Others				
Felipe Zubia	Avondale	623-932-6088	623-932-6119	felipe_zubia@avondale.org
Anthony Farier	Avondale	623-932-6088 x229	623-932-6119	Anthony_Farier@avondale.org
James Crean	Buckeye	623-327-1812	623-327-1814	jcrean@buckeyeaz.org
Bev Peterson	Carefree	480-488-3686	480-488-3685	bev@carefree.org
Usama Abujbarah	Cave Creek	480-488-1400	480-488-2263	uabujbarah@aol.com
Kyle McMaster*	Chandler	480-782-3005	480-782-3010	kyle.mcmaster@ci.chandler.az.us
Beverly Turner	Gila Bend	520-683-2255	520-683-6430	bevgilabend@yahoo.com
Linda Edwards	Gilbert	480-503-6750	480-497-4923	lindae@ci.gilbert.az.us
Karen Keith	Goodyear	623-932-3005	623-932-7748	kkeith@ci.goodyear.az.us
Gary Smith	Guadalupe	480-505-5366	480-505-5368	gsaa@earthlink.net
Mary Hoy	Guadalupe	480-505-5380	480-505-5368	maryhoy@guadalupeaz.org
Duncan Miller	Paradise Valley	480-348-3610	480-951-3715	duncanm@ci.paradise-valley.az.us
Hamid Arshadi	Paradise Valley	480-348-3555	480-951-3715	harshadi@ci.paradise-valley.az.us
John Kross	Queen Creek	480-987-9887	480-987-0109	jkross@queencreek.org
Shawney Chadwell	Queen Creek	480-987-9887	480-987-0109	qcreek1@primenet.com
David Easchief	Salt River	480-850-8032	480-850-8014	david.easchief@saltriver.pima-maricopa.nsn.us
Rosalinda Herrera	Surprise	623-583-1000	623-583-3396	rosa@surpriseaz.com
Rosemarie Booth	Tolleson	623-936-7111	623-907-2629	rmartinez@tollesonaz.org

\*Member of Ad Hoc Subcommittee